

**SYSTEM, METHOD, AND COMPUTER SOFTWARE PRODUCT FOR  
ANALYSIS AND DISPLAY OF GENOTYPING, ANNOTATION, AND RELATED  
INFORMATION**

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**ABSTRACT**

10 A method for displaying genotype information associated with probe array  
experiments is described that includes the acts of receiving sets of emission intensity  
data, wherein each set of emission intensity data includes emission intensity values each  
associated with a probe disposed upon a probe array; generating genotype calls, wherein  
each of the genotype calls is based, at least in part, upon the emission intensity values;  
assembling the genotype calls into one or more genotype data sets; and displaying each of  
15 the genotype data sets in one or more panes of a graphical user interface.